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### ABSTRACT

The present invention relates generally to a novel haemopoietin receptor or components or parts thereof and to genetic sequences encoding same. The receptor molecules and their components and/or parts and the genetic sequences encoding same of the present invention are useful in the development of a wide range of agonists, antagonists, therapeutics and diagnostic reagents based on ligand interaction with its receptor.

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<b>(21) International Application Number:</b> PCT/AU96/00668 <b>(22) International Filing Date:</b> 23 October 1996 (23.10.96)  <b>(30) Priority Data:</b> PN 6135 23 October 1995 (23.10.95) AU PN 7276 22 December 1995 (22.12.95) AU PO 2208 9 September 1996 (09.09.96) AU  <b>(71) Applicant (for all designated States except US):</b> AMRAD OPERATIONS PTY. LTD. [AU/AU]; 17-27 Cotham Road, Kew, VIC 3101 (AU).  <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> ✓ WILLSON, Tracy [AU/AU]; 26 Fortuna Avenue, North Balwyn, VIC 3104 (AU); ✓ NICOLA, Nicos, A. [AU/AU]; 56 Churchill Avenue, Mont Albert, VIC 3127 (AU); ✓ HILTON, Douglas, J. [AU/AU]; 244 Research Road, Warrandyte, VIC 3113 (AU); ✓ METCALF, Donald [AU/AU]; 268 Union Road, Balwyn, VIC 3103 (AU); ZHANG, Jian', Guo [CN/AU]; 3 Karri Crescent, Hoppers Crossing, VIC 3029 (AU).  <b>(74) Agents:</b> HUGHES, E., John, L. et al.; Davies Collison Cave, 1 Little Collins Street, Melbourne, VIC 3000 (AU).		<b>(81) Designated States:</b> AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i>
<b>(54) Title:</b> A NOVEL HAEMOPOIETIN RECEPTOR AND GENETIC SEQUENCES ENCODING SAME  <b>(57) Abstract</b>  The present invention relates generally to a novel haemopoietin receptor or components or parts thereof and to genetic sequences encoding same. The receptor molecules and their components and/or parts and the genetic sequences encoding same of the present invention are useful in the development of a wide range of agonists, antagonists, therapeutics and diagnostic reagents based on ligand interaction with its receptor.		